BULETINUL GRĂDINII BOTANICE ȘI AL MUZEULUI BOTANIC

DELA UNIVERSITATEA DIN CLUJ

BULLETIN

DU JARDIN ET DU MUSÉE BOTANIQUES

DE L'UNIVERSITÉ DE CLUJ, ROUMANIE

REDACTAT DE: — RÉDIGÉ PAR:

ALEXANDRU BORZA

IMPERIAL MYCOLOGICAL INSTITUTE
19 APR. 1938

VOL. XVII. 1937

Cu 77 fig în text și 7 tab.
Avec 77 fig. et 7 tab.

TIPOGRAFIA NAȚIONALĂ S. A. CLUJ
1938

Acest volum s'a tipărit cu ajutorul bănesc primit dela Senatul Universităţii din Cluj, dela Ministerul de Industrie şi Comerţ şi dela Banca Naţională a României.

Cuprinsul — Table de matières

Nr. 1—2

		Pag.
Al. Borza:	Cercetări fitosociologice asupra pădurilor basarabene. — *Phytosociological studies on the forests of Basarabia* (Summary)	1—85
E. Pop:	Observaţii şi date floristice. II. — *Floristische Bemerkungen. II. Sorbus aucuparia* L. v. *lanuginosa* (Kit.) Beck (Zusammenfassung)	85—87
M. Răvăruţ:	† Const. C. Petrescu	88—89
N. Zamfirescu:	Câteva anomalii în conformaţia inflorescenţei şi paiului la Setaria italica (L.) R. et Sch. — *Einige Anomalien in Blütenstand und Halm bei Setaria italica* (L.) R. et Sch. (Zusammenfassung)	90—93
Informaţiuni:	Uscarea plantelor suculente **(A. A.)**	94
	Flora Romaniae Exsiccata **(Al. Borza)**	95
Societăţi ştiinţifice. — *Sociétés scientifiques*		95—96
Personalia		96

Nr. 3—4

E. Pop:	Cercetări citologice, anatomo-fiziologice şi taxonomice la Anemonele din secţia Hepatica. — *Zytologische, physiologisch-anatomische und taxonomische Untersuchungen bei den Anemonen aus der Hepatica-Sektion (Zusammenfassung)*	97—149
G. Bujorean:	Malva moschata L. în Flora României. — *Malva moschata L. in der Flora Rumäniens (Zusammenfassung)*	150—151
M. Ghiuţă:	Contribuţiuni la studiul şi răspândirea Cecidiilor în România, cu privire specială la centrul Ardealului. *Beiträge zum Studium und zur Verbreitung der Cecidien in Rumänien, mit speziellem Blick auf Zentralsiebenbürgen (Zusammenfassung)*	151—159

(Urmare pe pagina a 2-a a copertei)
(La suite sur la 2-me page de la couverture)

Pag.

C. Papp: Contribuţiuni la flora bryologică a României. — *Contribution à la flore bryologique de la Roumanie (Résumé)* . . . . . 159—164

E. Pop: Prof. K. Rudolph 1881—1937 . . . . . 165—168

E. Pop: Semnalări de tinoave şi de plante de mlaştini din România. — *Angaben über Hochmoore und Hochmoorpflanzen aus Rumänien (Zusammenfassung)* . 169—181

M. Ghiuţă: Activitatea cecidiologică a briologului Martin Péterfi. *Die cecidiologische Tätigkeit des Bryologen Martin Péterfi* . . . . . 181—183

Mihai şi Alexandru Şerban: Chimaphila umbellata (L.) Nutt. şi Taxus baccata L. la Tuşnad—Băi. — *Das Auffinden der Chimaphila umbellata und der Eibe bei Bad—Tuşnad in Siebenbürgen* . . . . . 184—187

Al. Borza et E. Pop: Bibliographia Botanica Romaniae XXII . 187—198

Societăţi ştiinţifice. — *Sociétés Scientifiques* . . . . 199—200

Appendix I.

Dare de seamă despre activitatea Muzeului Botanic şi a Grădinii Botanice dela Universitatea din Cluj în anii 1935 şi 1936. — Compte-rendu de l'activité du Musée ét du Jardin Botaniques de l'Université de Cluj pendant les années 1935 et 1936 . . . . . 1—32

Appendix II.

Catalogul de seminţe oferite pentru schimb de Grădina Botanică a Universităţii din Cluj. — Catalogue des graines offertes en échange par le Jardin Botanique de l'Université de Cluj, Roumanie . . . . . 1—35

INDEX

Nomina plantarum novarum typis crassis sunt impressa

Abies 57, 78, 83. — *Acer 14, 16, 17, 20, 24, 25, 30, 35, 36, 37, 38, 40, 47, 51, 56, 58, 62, 64, 65, 81, 82. 182.* — *Achillea 17, 33, 42, 65.* — *Aconitum 51, 65.* — *Actaea 30, 34, 65, 101.* — *Adonis 53, 65, 101.* — *Adoxa 35.* — *Aegopodium 15, 16, 22, 31, 35, 65, 182.* — *Agrimonia 22, 41, 44, 48, 49, 52, 65.* — *Agropyrum 35, 53, 65, 96.* — *Agrostis 17, 33, 65, 150.* — *Ailanthus 62.* — *Ajuga 15, 25, 32, 65.* — *Alliaria 15, 16, 65.* — *Allium 5, 21, 53, 65.* — *Alnus 4, 58, 84, 85.* — *Amblystegium 38, 41, 75, 162, 163.* — *Amelanchier 37.* — *Amygdalus 38.* — *Anchusa 42, 44, 46, 65.* — *Andromeda 173.* — *Anemone 5, 15, 17, 18, 23, 25, 35, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 145, 146, 147, 148, 149.* — *Angelica 15, 32, 65.* — *Anomodon 162, 163.* — *Anthericum 36.* — *Anthriscus 15, 32, 42, 65.* — *Anthoxanthum 150.* — *Arabis 22, 32, 65.* — *Arbutus 37.* — *Arctium 13, 14, 16, 65.* — *Aristolochia 44, 52, 65.* — *Artemisia 17, 38, 44, 46, 53, 62. 65.* — *Arum 19, 22, 65.* — *Asarum 15, 21, 28, 31, 35, 65.* — *Asparagus 17, 36, 41, 44, 48, 51, 59, 65.* — *Asperula 12, 15, 17, 19, 21, 31, 35, 66, 182.* — *Aster 38, 66.* — *Astragalus 22, 25, 33, 35, 49, 52, 66.* — *Asyneuma 47, 52, 66.* — *Athyrium 32, 34, 75.* — *Atropa 19.*

Ballota 17, 41, 52, 66. — *Batrachyum 106.* — *Berteroa 42, 44, 66.* — *Betonica 25, 52, 66.* — *Betula 58, 84, 152, 158, 170, 173, 176.* — *Bidens 17, 66.* — *Botrychium 15, 16, 75.* — *Brachypodium 15, 16, 22, 32, 35, 48, 52, 66, 95.* — *Brachythecium 32, 75.* — *Briza 150.* — *Bromus 25, 35, 53, 66.* — *Bruckenthalia 173, 177, 181.* — *Brunella 22, 32, 52, 66.* — *Bupleurum 36.* — *Buxus 37, 56, 58, 59, 84, 153, 158.*

Calamagrostis 25, 48, 66. — *Calluna 137, 179, 181.* — *Caltha 106, 113.* — *Calystegia 13.* — *Campanula 15, 17, 21, 22, 25, 31, 35, 36, 48, 52, 66.* — *Campthothecium 162, 163.* — *Cannabis 15, 16, 66.* — *Caragana 35, 51, 66.* — *Cardamine 19.* — *Carex 5, 17, 19, 21, 22, 25, 26, 31, 32, 35, 41, 44, 46, 47, 48, 52, 59, 66, 153, 158, 171, 173, 178, 181.* — *Carpesium 33, 66.* — *Carpinus 20, 24, 25, 30, 46, 47, 58, 61, 67, 84.* — *Castanea 58, 84.* — *Catharinea 17, 32, 75, 162, 163.* — *Centaurea 33, 36, 38, 42, 44, 53, 67.* — *Centaurium 33, 67.* — *Cephalanthera 22, 31, 36, 67.* — *Cephalaria 38, 44, 53, 59, 67.* — *Chaerophyllum 16, 52, 67.* — *Chelidonium 15, 41, 67.* — *Chrysanthemum 17, 22, 26, 32, 36, 37, 48, 49, 52, 53, 67.* — *Chrysosplenium 67.* — *Chimaphila 184, 185, 199.* — *Chondrilla 44.* — *Cicerbita 22, 32, 52, 67,* — *Cimicifuga 101.* — *Circaea 19.* — *Cirsium 19, 175.* — *Cladonia 45.* — *Clematis 17, 33, 36, 41, 51, 67.* — *Clinopodium 33, 67.* — *Comarum 175.* — *Conocephalus 159, 163.* — *Convallaria 15, 17, 22, 25, 32, 41, 52, 67.* — *Cornus 14, 19, 20, 25, 30, 35, 36, 37, 38, 40, 46, 47, 67.* — *Coronilla 36.* — *Corylus 14, 21, 35, 56, 58, 68, 84.* — *Corydalis 23, 35.* — *Cotoneaster 36.* — *Cotinus 36, 38, 40, 43, 44, 58, 59, 68, 82, 84.* — *Crataegus 9, 19, 21, 25, 30, 35, 40, 44, 47, 51, 68, 182.* — *Crepis 35.* — *Crocus 19, 23, 26.* — *Cucubalus 14, 16, 68.* — *Cynodon 44.* — *Cynosurus 150.* — *Cystopteris 34, 45.* — *Cytisus 35.*

Dactylis 23, 25, 32, 41, 48, 52, 68. — *Danaa 15, 16, 68, 81.* — *Danthonia 150.* — *Daphne 18, 25.* — *Delphinium 44.* — *Dentaria 19, 35.* — *Dianthus 33, 41, 44, 48, 68.* — *Dicranum 160, 163.* — *Dictamnus 36.* — *Digitalis 25.* — *Diospyros 56.* — *Dipsacus 23, 24, 68.* — *Drepanocladus 161.* — *Drosera 175.* — *Dryopteris 28, 31, 34, 75,*

Echinops 53, 68. — Elymus 19, 21, 68. — Empetrum 175, 178. — Epilobium 18, 19, 33, 68. — Eranthis 101. — Erica 178. — Eriophorum 175, 178. — Equisetum 5, 32, 33, 75,175. — Eupatorium 24, 68. — Euphorbia 17, 21, 26, 31, 48, 52, 59, 68. — Evonymus 5, 14, 21, 26, 30, 35, 40, 47, 51, 58, 68.

Fagus 19, 20, 25, 30, 58, 60, 61, 68, 76, 77, 82, 84, 85, 97. — Falcaria 44. — Ferulago 49, 52, 68. — Festuca 14, 16, 33, 36, 42, 68, 150, 153, 158. — Ficaria 17, 35, 106. — Fissidens 160. — Fragaria 23, 25, 31, 36, 41, 44, 47, 51, 69. — Frangula 14, 16, 69. — Fraxinus 7, 8, 16, 17, 30, 35, 39, 40, 46, 47, 50, 51, 58, 69, 84, 153, 158. — Frullania 160. — Funaria 161, 163.

Gagea 35. — Galanthus 19, 23. — Galega 17, 69. — Galeopsis 15, 26, 32, 33, 69. — Galium 13, 15, 16, 17, 25, 31, 35, 41, 44, 48, 52, 53, 69, 81. — Genista 33, 45, 69. — Geranium 15, 16, 23, 32, 34, 37, 41, 69, — Geum 15, 16, 23, 32, 41, 48, 52, 69, 182. — Glechoma 16, 17, 23, 25, 32, 41, 44, 48, 69. — Gleditschia 50, 69. — Glycyrrhiza 17, 69. — Gnaphalium 33, 69. — Gypsophila 42, 53, 69.

Hedera 17, 19, 20, 25, 30, 40, 69. — Helleborine 20, 31, 69. — Helleborus 25, 36, 101. — Hepatica 25, 31, 69. — Heracleum 23, 52, 70. — Hieracium 19, 25, 32, 33, 52, 70, 182. — Hordeum 5. — Humulus 13, 14, 70. — Hylocomium 161, 163. — Hypericum 25, 26, 37, 154, 158. — Hypnum 161. — Hypnum cupressiforme L. var. filiforme Bird. f. **brevifolia** *Papp. 159, 163, 164.*

Impatiens 19, 23, 31, 70. — Inula 25, 33, 42, 44, 49, 52, 53, 70. — Iris 41, 52, 70.

Jasminum 37. — Juglans 58, 84. — Juniperus 90, 70, 175.

Koelreuteria 62. — Knautia 44.

Lamium 16, 17, 21, 32, 70. — Lappa 19. — Lapsana 15, 16, 32, 52, 70. — Laserpitium 33, 70. — Lathraea 35. — Lathyrus 21, 31, 36, 38, 48, 49, 52, 53, 70, 82, 154, 158, 182. — Lavatera 182. — Leontodon 33, 70. — Leonurus 15, 33, 70. — Leskea 162, 163. — Leucobryum 160. — Ligularia 171, 176, 179. — Ligustrum 14, 30, 36, 40, 51, 70. — Lilium 25, 31, 70. — Limodorum 36. — Lithospermum 36, 39, 41, 48, 51, 70. — Lonicera 35, 37, 154, 158, 182. — Lunaria 5. — Lycopodium 45. — Lycopus 33, 70. — Lysimachia 15, 23, 32, 70. — Lythrum 17, 70.

Majanthemum 5, 17, 25, 31, 70. — Malus 30, 40, 70. — Malva 96, 150. — Marrubium 42, 44, 53, 70. — Medicago 44. — Melampyrum 21, 31, 36, 37, 52, 70, 71. — Melandryum 33, 41, 71. — Melica 17, 21, 23, 25, 32, 35, 36, 42, 46, 48, 53, 71. — Melittis 26, 36, 37. — Mentha 33, 71. — Menyanthes 176. — Mercurialis 23, 31, 36, 41, 71. — Metzgeria 159, 160, 163. — Milium 12, 17, 31, 35, 71. — Mnium 32, 75. — Muscari 37. — Myosotis 19. — Myrica 56.

Nardus 176. — Nectaroscordium 59. — Neottia 35. — Nepeta 53, 71. — Nephrodium 23, 71, 171, 176. — Nigella 53, 71.

Odontites 42, 71. — Omphalodes 15, 16, 32, 71. — Origanum 41, 71. — Orobus 25, 35, 41, 71. — Ostrya 58, 59. — Oxalis 19.

Paris 5, 19, 34. — Parnassia 176. — Pedicularis 170, 176, 180. — Peucedanum 33, 41, 51, 71, 177. — Peplis 177. — Phleum 44, 53, 71. — Phlomis 17, 44, 53, 71. — Physalis 15, 16, 71, 96. — Phyteuma 25, 182. — Picea 57, 58, 83, 84, 177. — Pimpinella 33, 71. — Pinus 57, 58, 83, 84, 169, 177, 179. — Pirus 5, 14, 30, 35, 40, 51, 71, 183. — Plagiochila 163. — Plagiopus 161, 163. — Plagiothecium 16, 163. — Plantago 38, 42, 44, 71. — Platanthera 32, 71. — Pleuroschisma 160, 163. — Pleurozium 162, 163. — Poa 16, 21, 25, 31, 35, 41, 44, 46, 48, 71. — Pogonatum 162. — Polygonatum 15, 17, 21, 23, 31, 35, 36, 41, 48, 51, 52, 72. — Polygonum 13, 14, 24, 72, 154, 158. — Polypodium 45. — Polytrichum 32, 75, 159, 162, 163, 164. — Populus 4, 8, 14, 15, 16, 20, 30, 72, 154, 158, 182. — Potentilla 36, 44, 48, 49, 52, 53, 72, 177. — Prenanthes 19. — Primula 19, 25, 31, 36, 72. — Prunus 16, 20, 30, 35, 37, 39, 40, 44, 47, 50, 51, 63, 72, 81, 183. — Pulicaria 24, 72. — Pulmonaria 15, 16, 21, 25, 31, 32, 35, 41, 47, 49, 52, 72, 183. — Punica 77. — Pylaisia 161, 163.

Quercus 4, 7, 8, 9, 16, 17, 20, 24, 25, 28, 29, 30, 33, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 49, 50, 51, 58, 59, 61, 72, 81, 82, 84, 154, 155 158.

Racomitrium 160. — Radula 160, 163. — Ranunculus 15, 19, 23, 25, 32, 33, 73, 111, 113. — Rapistrum 44, 46, 73. — Rhamnus 4, 9, 35, 40, 44, 51, 73. — Rhus 62. — Rhynchospora 177. — Rhytidiadelphus 161, 163. — Rhytidium 161, 163. — Rindera 59. — Robinia 8, 50, 62, 73. — Rosa 36, 39, 40, 44, 51, 73. — Rubia 36. — Rubus 13, 14, 16, 17, 20, 30, 62, 73.

Salix 14, 31, 58, 73, 155, 158, 171, 176, 178, 181, 183. — Salvia 15, 21, 31, 44, 53, 73, 183. — Sambucus 21, 51, 73. — Sanicula 19, 21, 25, 31, 73. — Saponaria 24, 73. — Scabiosa 53, 73. — Scheuchzeria 178. — Scilla 15, 17, 35, 73. — Scleropodium 161, 163. — Scleropodium purum L. f. **angustifolia** *Papp 159, 164. — Scolopendrium 56. — Scrophularia 23, 32, 35, 48, 49, 52, 73. — Scutellaria 15, 23, 41, 73. — Sedum 41, 48, 52, 73. — Senecio 17, 73. — Serratula 25, 48, 52, 53, 73. — Seseli 33, 73. — Setaria 90, 91, 92, 93, 95. — Silene 25, 36, 44, 48, 53, 73. — Sisymbrium 15, 73. — Solanum 13, 14, 16, 74. — Solidago 21, 31, 74. — Sorbus 5, 20, 30, 36, 37, 40, 46, 47, 73, 85, 86, 87, 178. — Sphagnum 160, 169, 170, 172, 175, 177. — Spiraea 35, 171, 179, 181. — Stachys 15, 16, 17, 21, 25, 37, 74. — Staphylea 14, 19, 21, 31, 40, 74. — Statice 44, 53, 74. — Stellaria 13, 15, 16, 23, 25, 26, 32, 33, 41, 47, 74, 179. — Stenactis 17, 74. — Stipa 5, 42, 44. — Sweertia 180. — Symphytum 14, 74. — Syrenia 42, 74. — Syringa 50, 74.*

Taraxacum 36, 183. — Taxus 184, 185. — Teucrium 53, 74. — Thalictrum 37, 44, 53, 74, 113. — Thymus 138. — Thuja 62. — Tilia 14, 20, 31, 35, 39, 40, 47, 51, 58, 74. — Torilis 15, 16, 23, 74. — Tortula 160, 163. — Trifolium 33, 36, 41, 51, 74, 183. — Trinia 46, 74. — Trisetum 150. — Trollius 101.

Ulmus 14, 16, 17, 20, 24, 30, 35, 38, 39, 40, 44, 58, 74, 84, 183. — Urtica 14, 16, 17, 74.

Vaccinium 45, 177, 178, 179, 180, 181. — Valeriana 17, 32, 52, 74, 180, 183, — Veratrum 49, 52, 75. — Verbascum 17, 44, 75. — Veronica 17, 23, 32, 48, 53, 75. — Viburnum 14, 21, 26, 30, 40, 47, 51, 75, 183. — Vicia 44, 49. — Vincetoxicum 26, 36, 37, 41, 52, 75. — Viola 15, 16, 17, 21, 23, 25, 31, 35, 36, 37, 41, 48, 75.